

board, and in that the channel-shaped recess and the first area are filled and enclosed by a cohesive moisture-impermeable sealing material.

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2. (Amended) The design in accordance with claim 1, wherein the moisture-impermeable barrier layer is a metallic layer.

3. (Amended) The design in accordance with claim 2, wherein the metallic layer forms a flat layer inside the printed circuit board and is configured uninterruptedly at least under the first area.

4. (Amended) The design in accordance with claim 1, wherein the printed circuit board is made from an FR4 material, which has at least one moisture-impermeable barrier layer in its interior.

5. (Amended) The design in accordance with claim 1, wherein walls of the printed circuit board bordering the channel-shaped recess are provided with a moisture-impermeable coating.

6. (Amended) The design in accordance with claim 5, wherein the coating is formed from a metal alloy, which is attached in a fluid-tight manner to the barrier layer.

7. (Amended) The design in accordance with one of the preceding claims, wherein the moisture-impermeable sealing material is manufactured on a epoxy base or on a high-density polyethylene base or on a liquid resin base.

8. (Amended) A circuit card for measurement processing equipment characterized by a design in accordance with claim 1.